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(71) Applicant (for all designated States except US): **QIAGEN GMBH** [DE/DE]; Qiagen Str. 1, 40724 Hilden (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HIMMELREICH, Ralf** [DE/DE]; Am Stadtbad 2, 40764 Langenfeld (DE). **WERNER, Sabine** [DE/DE]; Mindener Str. 19, 40227 Düsseldorf (DE). **FRITZ, Claudia** [DE/DE]; Sigwinstr. 11, 51061 Köln (DE).

(74) Common Representative: **QIAGEN GMBH**; Qiagen Str. 1, 40724 Hilden (DE).

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(54) Title: A RAPID AND LOW COST METHOD FOR ISOLATING NUCLEIC ACID

(57) Abstract: The invention relates to a rapid method for isolating nucleic acid from a nucleic acid source, wherein the nucleic acid source is lysed in the absence of a chaotropic salt and in the absence of an alcohol. The lysate is subsequently filtered through a porous matrix consisting of a material based on silica or of a silica coated material, which binds the nucleic acid in the absence of a chaotropic salt and in the absence of an alcohol. Finally, the nucleic acid is eluted from the porous matrix by an aqueous buffer solution. Furthermore, this invention relates to a test kit in order to isolate the nucleic acid.

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